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statistical

REPORT
February 8, 1985

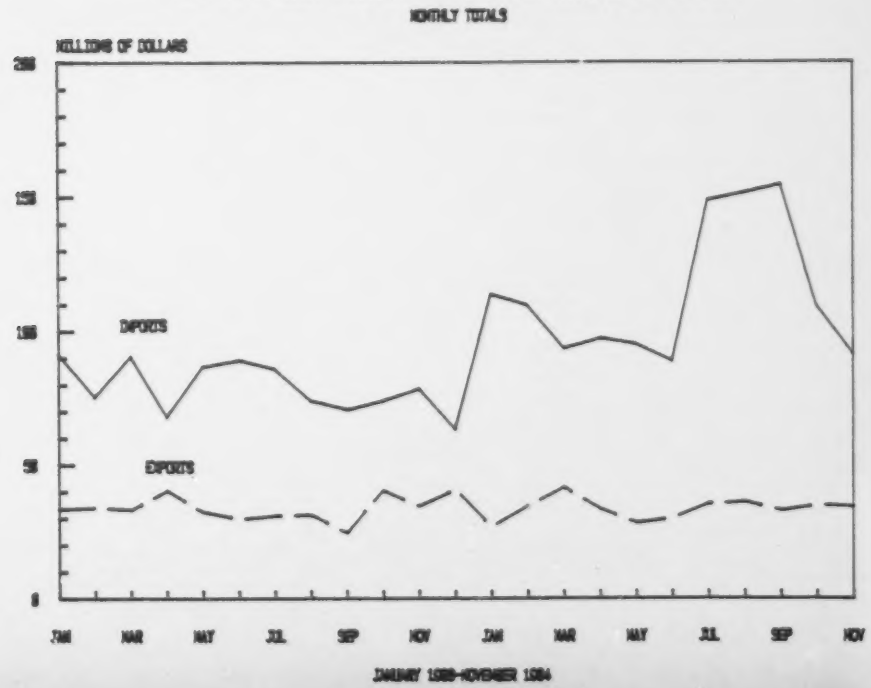
U.S. FOREIGN TRADE IN MACHINE TOOLS
NOVEMBER 1984

U.S. foreign trade in machine tools during November 1984 produced a trade deficit of $56.9 million for the month, bringing the total deficit for eleven months to $883.0 million. Compared to October 1984, U.S. exports declined 1% as imports fell 16%. Year-to-date machine tool exports of $367.7 million were 1% above the first eleven months of 1983, however, U.S. imports gained 42% from the same period last year and stood at $1,250.7 million.

U.S. Machine Tool Trade
($Millions)

November 1984	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 20.3	$ 73.4	($ 53.1)
Metal Forming	$ 13.9	$ 17.7	($ 3.8)
Total	$ 34.2	$ 91.1	($ 56.9)
11 Mos. 1984			
Metal Cutting	$221.3	$ 978.5	($757.2)
Metal Forming	$146.4	$ 272.2	($125.8)
Total	$367.7	$1,250.7	($883.0)

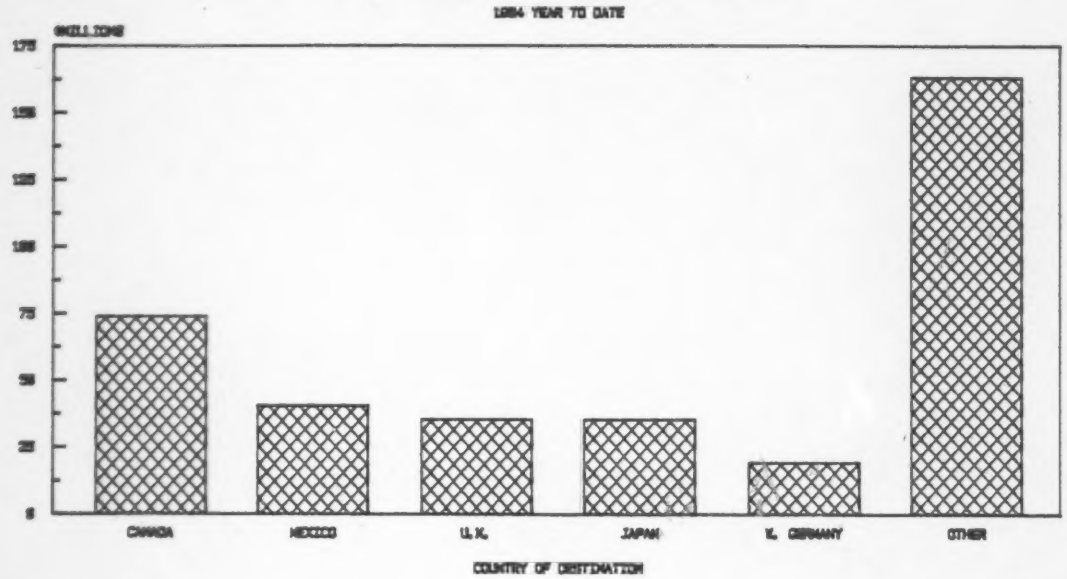
US FOREIGN TRADE -- TOTAL MACHINE TOOLS



national machine tool builders' association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

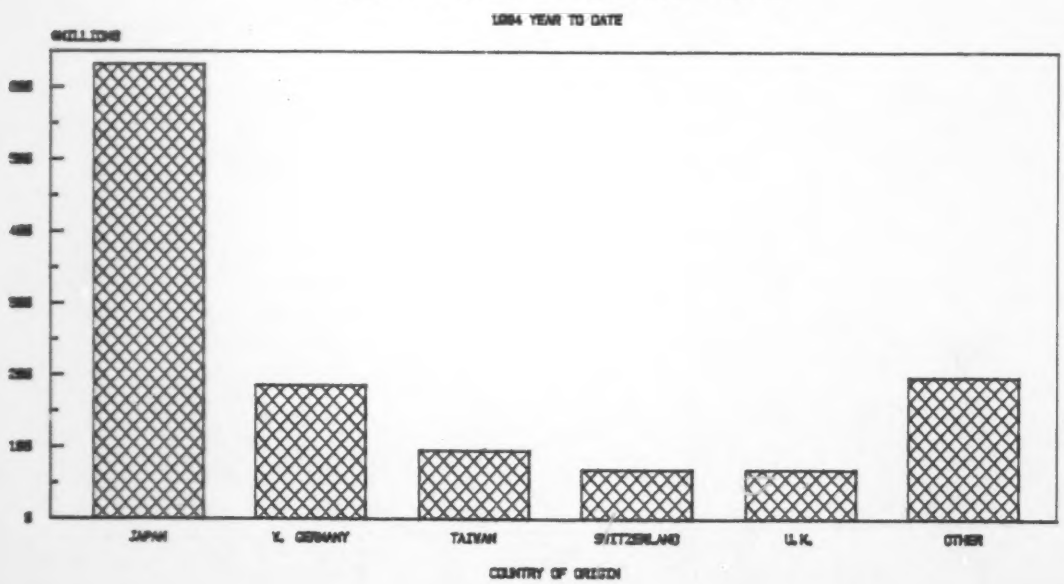
Compared to October, U.S. EXPORTS of metal cutting machine tools declined 8% and the eleven month total for 1984 was 6% below last year's level. Exports of metal forming machines rose 10% from October with the year-to-date total increasing 12% above the first eleven months of 1983. For January through November 1984, the leading export markets were (in millions): Canada ($74.1), Mexico ($40.6), the United Kingdom ($35.6), Japan ($35.1) and West Germany ($19.0).

U.S. EXPORTS OF MACHINE TOOLS



U.S. IMPORTS of metal cutting machine tools in November were 12% below October's level and metal forming imports fell 30%. Compared to the first eleven months of 1983, imports of metal cutting machinery increased 47% with metal forming imports rising 26%. Leading exporters to the U.S. during the first eleven months of 1984 were (in millions): Japan ($632.6), West Germany ($185.8), Taiwan ($94.9), Switzerland ($70.2) and the United Kingdom ($68.5).

U.S. IMPORTS OF MACHINE TOOLS



RELEASED: February 8, 1985

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1984

		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
674:	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	Gear Hobbers	98	7575	10	953	-	-	-	-
3035	Gear Shapers	15	2061	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	9	855	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	1730	124661	122	8962	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	95	10325	6	714	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	606	67849	51	5459	-	-	-	-
3211	Machining Centers, NC, N.E.C.	304	28816	13	1485	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	46	11003	2	375	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	17	3744	2	294	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	38	5037	1	93	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	72	7504	4	551	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	58	6201	2	203	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	253	7411	5	102	-	-	-	-
3228	Drilling Machines,NC	88	5094	5	316	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	25	1154	3	46	-	-	-	-
3234	Drilling Machines, Radial, non-NC	290	1926	30	248	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	75	463	1	6	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	296	6636	15	274	-	-	-	-
3264	Milling Machines, NC	263	28338	33	1191	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	44	625	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2687	17265	274	1385	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	494	5809	9	300	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2663	22563	154	3046	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	22	4706	1	182	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	178	5235	3	196	-	-	-	-
3281	Boring Machines, NC, N.E.C.	10	1582	2	165	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	163	6627	19	591	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1897	98232	193	9557	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	607	52364	39	3736	-	-	1	57
3511	Horizontal Lathes, NC, Over 50 HP	46	5530	4	674	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	2973	22807	247	1750	-	-	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	90	2808	4	125	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	122	3348	9	901	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	145	2474	11	99	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	112	6456	1	47	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	318	6526	44	727	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	384	23285	31	1918	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1655	23571	111	1261	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	186	6324	9	576	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	42	3062	2	156	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	1081	14459	96	967	-	-	-	-
3533	Honing & Lapping Machines	150	4488	7	349	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	76	6145	2	76	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	715	7097	45	1418	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	1050	17529	121	1773	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	74	9571	2	103	-	-	-	-
3554	External Grinding Machines, non-NC	253	10404	28	1249	-	-	-	-
3556	Internal Grinding Machines, non-NC	106	3767	7	276	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	167	4998	32	717	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	1098	28296	71	2255	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	663	33879	43	1749	-	-	-	-
3564	All Other Electrical Discharge Machines	488	20159	39	2148	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	35	3454	3	154	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	134	4817	31	812	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	16	1539	1	38	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	1311	18320	126	1476	-	-	-	-
3578	Broaching Machines, non-NC	11	1769	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	912	22961	55	968	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	8502	29466	499	1996	1	4	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	1246321	87433	89661	6257	166	131	-	-
	TOTAL CUTTING			92341	73455	167	135	1	57
	TOTAL CUTTING YTD	1282379	978540			3121	2320	56	468
674:	METAL FORMING								
1010	Die Casting Machines	212	9387	18	577	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	551	5613	27	639	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	47379	7379	2995	632	9	6	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	449	48861	26	3062	-	-	-	-
3586	Shearing Machines, non-NC	642	11677	38	705	-	-	2	75
3587	Punching & Combination Punching & Shearing Machines, non-NC	618	9336	33	767	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	160	6772	15	350	-	-	-	-
3589	Press Brakes, non-NC	889	22753	78	1727	-	-	4	62
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	141	2473	9	431	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	930	18126	81	1757	-	-	3	19
3593	Metal Forming Machine Tools, NC, N.E.C.	161	9879	6	229	-	-	-	-
3594	Mechanical Presses, non-NC	326	21793	33	1010	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	72	2049	9	576	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	413	41561	18	577	-	-	-	-
3597	Headers & Upsetters, non-NC	150	11396	17	1759	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	99	5197	4	16	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	1450	37794	142	2870	-	-	1	5
	TOTAL FORMING			3549	17687	9	6	10	162
	TOTAL FORMING YTD	54642	272191			114	1463	590	5689
	TOTAL ALL TYPES			95890	91142	176	141	11	218
	TOTAL ALL TYPES YTD	1337021	1250731			3235	3782	646	6157

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1984

674	CZECHO. UNITS	$000	DENMARK UNITS	$000	E. GERMANY UNITS	$000	FRANCE UNITS	$000	ITALY UNITS	$000	NETHERLANDS UNITS	$000	NORWAY UNITS	$000
3025	-	-	-	-	3	72	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	1	220	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	1	264	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	3	23	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	1	4	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	1	5	-	-	2	43	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	12	149	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	1	13	-	-	-	-	-	-	-	-
3268	1	6	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	3	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	12	130	-	-	-	-
3507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3509	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	3	17	3	34	-	-	-	-	1	61	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	3	24	-	-	-	-	-	-	6	66	-	-	-	-
3527	-	-	-	-	-	-	-	-	2	35	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	3	152	-	-	-	-	12	202	-	-	-	-
3533	-	-	-	-	-	-	-	-	2	208	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	1	43	-	-	21	146	1	6	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	2	56	-	-	-	-	10	261	-	-	-	-
3556	-	-	2	43	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	11	530	-	-	-	-
3559	-	-	-	-	-	-	-	-	4	51	-	-	3	11
3562	-	-	-	-	-	-	3	42	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	2	8	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	2	24	6	38	-	-	1	36
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	-	-	5	49	-	-	-	-
4000	2	22	-	-	-	-	22	22	2	134	3	6	-	-
5000	26	24	356	52	-	-	52	40	152	79	-	-	109	3
CUT MO.	36	357	368	345	5	128	84	182	262	2380	4	12	113	50
CUT YTD	117	1616	1125	2735	60	1364	2046	8420	10780	37299	1301	5775	208	552
1010	-	-	-	-	-	-	-	-	1	25	-	-	-	-
3582	-	-	3	20	-	-	-	-	2	7	-	-	-	-
3583	-	-	59	61	-	-	56	6	253	11	13	19	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	-	-	-	-	2	38	1	30	-	-	-	-
3587	-	-	1	18	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	2	123	-	-	-	-
3589	-	-	5	142	-	-	10	144	-	-	9	156	-	-
3591	-	-	1	11	-	-	-	-	-	-	-	-	-	-
3592	-	-	-	-	-	-	-	-	4	19	2	77	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	1	43
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	-	-	2	8	-	-	-	-
3597	-	-	-	-	-	-	-	-	4	555	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	1	8	-	-	3	112	9	98	4	101	-	-
FRM MO.	-	-	70	259	-	-	71	300	278	876	28	353	1	43
FRM YTD	-	-	158	2268	1	1	1067	4928	3315	10952	210	3000	8	294
TOT MO.	36	357	438	604	5	128	155	482	540	3256	32	365	114	93
TOT YTD	117	1616	1283	5003	61	1365	3113	13348	14095	48251	1511	8775	216	846

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1984

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	7	881
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	1	227	-	-	-	-	1	29
3211	-	-	-	-	-	-	-	-	-	-	1	259	1	54
3212	-	-	-	-	-	-	-	-	2	375	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	1	188	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	1	174	-	-	2	113
3222	-	-	-	-	-	-	-	-	-	-	1	99	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	1	38
3234	-	-	8	47	11	92	-	-	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	-	-	-	-	2	159
3264	-	-	-	-	7	86	-	-	1	50	-	-	1	364
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	151	608	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	2	95	-	-	1	70	1	63
3269	-	-	-	-	-	-	-	-	1	6	6	212	14	1965
3276	-	-	-	-	-	-	-	-	1	182	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	1	83	2	34
3507	-	-	-	-	-	-	-	-	-	-	4	342	2	97
3509	-	-	-	-	-	-	-	-	-	-	-	-	5	333
3511	-	-	-	-	-	-	-	-	-	-	-	-	1	171
3512	-	-	-	-	8	124	-	-	-	-	53	394	-	-
3513	-	-	-	-	-	-	-	-	1	30	-	-	1	31
3514	-	-	-	-	-	-	-	-	1	48	-	-	2	501
3515	-	-	-	-	-	-	-	-	1	24	-	-	5	44
3516	-	-	-	-	-	-	-	-	1	47	-	-	-	-
3518	-	-	-	-	-	-	-	-	4	194	5	73	1	216
3521	-	-	-	-	-	-	-	-	1	257	-	-	-	-
3522	-	-	-	-	3	31	-	-	2	10	29	170	25	489
3527	-	-	-	-	-	-	-	-	2	52	-	-	2	468
3528	-	-	-	-	-	-	-	-	-	-	-	-	1	89
3529	-	-	-	-	1	11	-	-	4	66	14	160	37	277
3533	-	-	-	-	-	-	-	-	3	53	1	19	1	70
3539	-	-	-	-	-	-	-	-	-	-	-	-	1	39
3541	-	-	-	-	-	-	2	15	1	107	2	751	4	79
3543	-	-	-	-	-	-	1	138	8	56	-	-	19	241
3546	-	-	-	-	-	-	-	-	-	-	-	-	2	103
3554	-	-	-	-	1	38	-	-	[illegible]	368	1	9	3	217
3556	-	-	-	-	-	-	-	-	[illegible]	135	-	-	1	13
3558	-	-	-	-	-	-	-	-	15	86	-	-	5	97
3559	1	33	-	-	-	-	3	30	20	707	8	67	19	751
3562	-	-	-	-	-	-	-	-	20	759	-	-	-	-
3564	-	-	-	-	1	3	-	-	-	-	4	765	1	140
3567	-	-	-	-	1	49	-	-	-	-	-	-	1	34
3571	-	-	-	-	-	-	-	-	-	-	12	35	12	223
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	10	181	23	95	35	283
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	1	17	1	24	1	44	6	72	11	171
4000	-	-	-	-	-	-	-	-	9	145	231	605	70	359
5000	-	-	11	19	15	20	95	73	10497	152	402	293	1830	369
CUT MO.	1	33	19	66	200	1080	105	601	10611	4314	806	4761	2129	9704
CUT YTD	106	827	223	589	2504	12555	6622	10258	48652	59065	9780	55748	14580	126968
1010	-	-	-	-	-	-	-	-	1	231	-	-	9	71
3582	-	-	-	-	-	-	1	2	4	38	8	482	5	23
3583	-	-	-	-	-	-	73	16	8	11	19	15	342	32
3584	-	-	-	-	-	-	-	-	4	876	-	-	1	177
3586	-	-	-	-	1	7	-	-	-	-	6	78	2	136
3587	-	-	-	-	-	-	3	33	-	-	-	-	25	559
3588	-	-	-	-	-	-	3	49	-	-	-	-	10	179
3589	-	-	5	56	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	7	408	-	-	-	-	-	-
3592	-	-	-	-	-	-	2	140	15	270	4	154	4	438
3593	-	-	-	-	-	-	-	-	-	-	-	-	4	125
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	1	12	6	533
3596	-	-	-	-	4	61	2	152	-	-	2	67	3	125
3597	-	-	-	-	-	-	-	-	-	-	-	-	1	338
3598	-	-	-	-	-	-	-	-	-	-	3	9	1	6
3599	-	-	-	-	4	162	6	83	39	210	4	27	38	1109
FRM MO.	-	-	5	56	9	230	97	883	71	1637	47	944	451	3852
FRM YTD	3	15	57	1200	757	1949	2633	7068	1638	11094	1765	12731	8367	58845
TOT MO.	1	33	24	122	209	1310	202	1484	10682	5951	853	5605	2580	13556
TOT YTD	109	842	280	1790	3261	14504	9255	17326	50290	70158	11545	68478	22947	185813

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1984

674	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	116	8673	4	165	-	-	2	124
3206	-	-	-	-	-	-	6	714	-	-	-	-	-	-
3209	-	-	-	-	-	-	48	5172	1	31	-	-	-	-
3211	-	-	-	-	-	-	9	912	1	41	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	1	106	-	-	-	-	-	-
3218	-	-	-	-	-	-	1	93	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	1	105	-	-	-	-	-	-
3223	-	-	-	-	-	-	1	70	-	-	-	-	1	10
3228	-	-	-	-	-	-	5	316	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	1	4	-	-	-	-
3234	-	-	-	-	-	-	1	18	7	58	-	-	3	33
3236	-	-	-	-	-	-	-	-	-	-	-	-	1	6
3242	-	-	2	21	-	-	3	22	3	12	-	-	1	13
3264	-	-	-	-	-	-	3	176	3	112	-	-	6	254
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	17	397	-	-	-	-	105	368	-	-	-	-
3268	-	-	-	-	-	-	1	66	-	-	-	-	-	-
3269	-	-	-	-	-	-	17	235	114	574	-	-	1	50
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	1	196	-	-	-	-	-	-
3281	-	-	-	-	-	-	2	165	-	-	-	-	-	-
3283	-	-	3	215	-	-	1	129	-	-	-	-	-	-
3507	-	-	-	-	-	-	184	8924	1	35	-	-	2	59
3509	-	-	-	-	-	-	33	3347	-	-	-	-	-	-
3511	-	-	-	-	-	-	3	503	-	-	-	-	-	-
3512	-	-	1	34	-	-	-	-	114	617	-	-	64	469
3513	-	-	-	-	-	-	-	-	2	64	-	-	-	-
3514	-	-	-	-	-	-	6	352	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	5	31
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	2	130	5	16	-	-	27	97
3521	-	-	-	-	-	-	30	1661	-	-	-	-	-	-
3522	-	-	-	-	-	-	3	247	26	96	-	-	14	129
3527	-	-	3	20	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	1	67	-	-	-	-	-	-
3529	-	-	-	-	-	-	6	26	15	61	-	-	4	12
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	1	37	-	-	-	-	-	-
3541	-	-	-	-	-	-	32	448	4	19	-	-	-	-
3543	-	-	2	21	-	-	37	665	11	72	-	-	20	376
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	2	260	3	18	-	-	3	22
3556	-	-	-	-	-	-	3	86	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	1	5	-	-	-	-
3559	-	-	9	331	-	-	4	275	-	-	-	-	-	-
3562	-	-	-	-	-	-	20	948	-	-	-	-	-	-
3564	-	-	-	-	-	-	25	1206	8	34	-	-	-	-
3567	-	-	-	-	-	-	1	71	-	-	-	-	-	-
3571	-	-	-	-	-	-	5	546	-	-	-	-	-	-
3576	-	-	-	-	-	-	1	38	-	-	-	-	-	-
3577	-	-	12	95	-	-	27	520	7	21	1	23	2	161
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	18	250	-	-	12	342	-	-	-	-	-	-
4000	-	-	9	108	-	-	8	48	129	481	-	-	13	64
5000	6	8	341	62	30	5	8163	1039	54728	3633	-	-	12682	256
CUT MO.	6	8	417	1554	30	5	8832	38951	55293	6534	1	23	12851	2165
CUT YTD	1361	5066	5084	15552	169	233	136600	509181	974021	93145	92	296	63771	28369
1010	-	-	5	91	-	-	2	159	-	-	-	-	-	-
3582	-	-	2	36	-	-	2	30	-	-	-	-	-	-
3583	-	-	28	25	165	8	311	177	1101	199	-	-	558	46
3584	-	-	-	-	-	-	21	2009	-	-	-	-	-	-
3586	1	25	6	87	-	-	14	221	-	-	-	-	3	9
3587	3	54	1	103	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	1	13	7	206	-	-	36	922	-	-	-	-	1	26
3591	-	-	-	-	-	-	-	-	1	13	-	-	-	-
3592	-	-	28	388	-	-	18	245	1	5	-	-	-	-
3593	-	-	-	-	-	-	1	61	-	-	-	-	-	-
3594	-	-	26	805	-	-	6	194	-	-	-	-	1	11
3595	-	-	1	20	-	-	-	-	-	-	-	-	1	12
3596	-	-	1	6	-	-	3	149	-	-	-	-	1	8
3597	-	-	-	-	-	-	12	865	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	17	464	-	-	14	481	2	10	-	-	-	-
FRM MO.	5	91	122	2230	165	8	440	5514	1105	226	-	-	565	111
FRM YTD	6	104	1609	21620	169	10	14100	123411	10614	1778	291	136	7170	3592
TOT MO.	11	99	539	3784	195	13	9272	44465	56398	6761	1	23	13416	2276
TOT YTD	1367	5170	6693	37172	338	244	150700	632592	984635	94923	383	433	70941	31961

NOVEMBER 1984 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

EUROPE	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
FINLAND	9	1	500	4	509	5
GREECE	-	-	-	-	-	-
HUNGARY	2	33	-	-	2	33
ICELAND	-	-	-	-	-	-
IRELAND	-	-	2	2	2	2
ROMANIA	-	-	-	-	-	-
USSR	-	-	-	-	-	-
GIBRALTAR	1	13	-	-	1	13
MALTA	-	-	-	-	-	-
TOTAL	12	48	502	6	514	54
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAIMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	12502	207	17	28	12519	235
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	12502	207	17	28	12519	235
OTHER S. AMER						
ARGENTINA	4	41	-	-	4	41
BOLIVIA	-	-	-	-	-	-
BRAZIL	104	392	10	18	114	410
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	108	433	10	18	118	452
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	4	31	-	-	4	31
GAZA STRIP	-	-	-	-	-	-
HONG KONG	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	23	393	35	51	58	443
JORDAN	-	-	-	-	-	-
KOREAN REP.	36	433	-	-	36	433
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
SINGAPORE	164	611	-	-	164	611
SRI LANKA	-	-	-	-	-	-
SYRIA	2	9	-	-	2	9
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	229	1477	35	51	264	1528

OTHER OCEANIA	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	1	8	1	8
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	1	8	1	8
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1984

RELEASED: February 8, 1985

		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
		UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	23	2599	2	250	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	32	8155	1	66	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	35	2749	1	68	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	2	323	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	37	9869	3	627	-	-	-	-
3211	Machining Centers, NC, N.E.C.	34	3921	3	441	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	9	4119	3	1737	-	-	-	-
3225	Way Type Machines (Unit Heads)	6	1074	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	1205	1	170	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	7	1630	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	12	2581	1	35	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	11	1059	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	97	1777	15	223	-	-	-	-
3254	Drilling Machines, NC	4	1126	1	77	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	32	4337	4	579	-	-	-	-
3256	Drilling Machines, Radial, non-NC	8	173	-	-	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	9	81	-	-	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	143	3415	7	222	-	-	-	-
3264	Milling Machines, NC	54	15079	2	1114	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	20	319	1	48	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	5	159	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	3	308	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	109	3814	19	772	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	7	1491	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	53	3093	6	144	-	-	-	-
3281	Boring Machines, NC, N.E.C.	3	151	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	45	1895	-	-	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	76	5894	8	575	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	8	888	-	-	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	8	1867	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	119	2541	5	68	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	15	2981	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	31	4179	19	1933	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	14	539	5	204	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	37	3395	3	95	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	223	2849	16	177	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	8	1798	1	65	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	215	7453	16	847	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	58	6923	5	1290	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	19	3238	-	-	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	124	2790	9	712	-	-	-	-
3532	Honing & Lapping Machines, non-NC	134	1845	8	256	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	67	2059	20	602	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	108	6387	11	1019	-	-	-	-
3541	External Grinding Machines, non-NC	25	3486	2	110	-	-	-	-
3542	Internal Grinding Machines, non-NC	15	1726	3	156	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	116	9229	18	993	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	192	5948	25	324	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	20	791	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	68	2476	8	193	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	1	82	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	103	2170	1	14	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	41	3065	5	440	-	-	1	75
3565	Sawing & Cut-off Machines, non-NC	428	8749	25	356	-	-	-	-
3566	Broaching Machines, non-NC	14	1111	1	24	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	322	15413	6	142	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2386	23961	217	2198	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	35659	8927	3102	964	-	-	3	4
	TOTAL CUTTING			3609	20338	-	-	4	79
	TOTAL CUTTING YTD	41461	221327			5	121	442	3232
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	10480	-	1019	-	-	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	488	8979	58	1014	2	41	-	-
3569	Metal Forming Machine Tools, Less Than $2500	3949	2580	496	312	-	-	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	46	8308	3	2666	-	-	-	-
3573	Shearing Machines, non-NC	56	1023	12	140	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	407	11828	10	137	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	91	3806	6	165	-	-	-	-
3582	Press Brakes, non-NC	30	685	7	47	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	16	520	1	45	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	404	12368	55	1524	-	-	-	-
3588	Mechanical Presses, non-NC	250	17757	31	2093	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	19	2638	3	103	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	347	13127	37	1955	-	-	-	-
3594	Headers & Upsetters, non-NC	42	6708	4	680	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	87	4055	5	111	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	674	41462	37	1843	-	-	-	-
	TOTAL FORMING			765	13855	2	41	-	-
	TOTAL FORMING YTD	6906	146363			2	67	52	969
	TOTAL ALL TYPES			4374	34193	2	41	4	79
	TOTAL ALL TYPES YTD	48367	367690			7	188	494	4201

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.
NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding. 4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1984

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	2	250	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	1	170	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	6	145	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	2	16	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	6	4	-	-	-	-	11	8	-	-
CUT MO.	-	-	-	-	8	20	-	-	7	316	13	258	-	-
CUT YTD	22	345	15	113	461	3590	26	165	93	3148	412	5839	737	585
1011	-	-	-	-	-	5	-	-	-	-	-	1	-	-
3568	-	-	-	-	2	482	-	-	-	-	-	-	-	-
3569	20	19	-	-	13	6	-	-	-	-	-	-	-	-
3571	-	-	-	-	1	2345	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	2	18	-	-	1	17
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	19	-	-	4	125	-	-	-	-	-	-	-	-
3588	-	-	3	247	-	-	-	-	-	-	-	-	1	162
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	2	135	-	-	-	-	-	-	1	150
FRM MO.	21	37	3	247	22	3098	-	-	2	18	-	1	3	329
FRM YTD	64	465	3	334	161	7178	1	16	19	802	30	771	31	1383
TOT MO.	21	37	3	247	30	3118	-	-	9	333	13	259	3	329
TOT YTD	86	809	18	447	622	10768	27	182	112	3950	442	6610	768	1968

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1984

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	1	273
3211	-	-	-	-	-	-	-	-	-	-	1	293	-	-
3216	-	-	-	-	-	-	-	-	2	1158	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	2	163	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	425
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	1	76
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	8	575
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	2	29
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	4	270	-	-	-	-	-	-	-	-	14	373
3515	-	-	-	-	-	-	-	-	-	-	-	-	5	204
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	2	24
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	4	355
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	2	709
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	1	48	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	1	109
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	2	36
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	1	9	-	-	-	-	-	-	-	-	-	-	12	91
5000	-	-	-	-	-	-	707	66	-	-	29	22	15	20
CUT MO.	1	9	4	270	-	-	707	66	5	1369	30	316	70	3300
CUT YTD	10	652	9	470	-	-	1159	1128	73	3460	1778	1424	2976	27509
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	15
3568	-	-	-	-	-	-	-	-	1	59	-	-	1	228
3569	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	1	25
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	1	45	-	-	-	-	-	-
3584	1	66	-	-	-	-	-	-	-	-	-	-	1	16
3588	-	-	-	-	-	-	-	-	-	-	-	-	6	195
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	2	33
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	1	67	1	20	-	-	1	18
FRM MO.	1	66	-	-	-	-	2	112	2	79	-	-	12	529
FRM YTD	15	221	6	59	-	-	21	1337	12	533	17	3279	238	8073
TOT MO.	2	75	4	270	-	-	709	178	7	1448	30	316	82	3829
TOT YTD	25	874	15	529	-	-	1180	2465	85	3993	1795	4703	3214	35583

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1964

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	2	354	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	1	31	-	-	-	-
3216	-	-	-	-	-	-	1	579	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	1	35	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	15	223	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	77	-	-	-	-
3255	-	-	-	-	-	-	4	579	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	1	3	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	689
3266	-	-	-	-	-	-	1	48	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	17	680	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	2	36	4	108	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	1	14	1	23	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	2	73	1	22	-	-	-	-
3518	-	-	-	-	-	-	3	21	8	99	1	4	1	20
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	2	38	-	-	3	215	1	40	-	-	-	-
3528	-	-	1	57	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	8	359	-	-	-	-	-	-
3532	-	-	-	-	-	-	3	124	1	5	-	-	-	-
3533	-	-	-	-	-	-	14	311	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	3	43	-	-	-	-
3541	-	-	-	-	-	-	1	60	1	50	-	-	-	-
3542	-	-	-	-	-	-	-	-	1	19	-	-	-	-
3544	-	-	2	122	-	-	-	-	3	36	-	-	-	-
3546	-	-	-	-	-	-	3	41	16	119	2	7	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	1	29	-	-	3	335	-	-
3565	-	-	-	-	-	-	6	39	10	88	-	-	-	-
3566	-	-	-	-	-	-	1	24	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	4	112	-	-	-	-
4000	-	-	-	-	-	-	16	52	66	858	13	33	4	187
5000	-	-	73	50	-	-	495	357	143	123	334	57	-	-
CUT MO.	-	-	78	266	-	-	583	3573	283	2535	353	436	6	895
CUT YTD	3	585	1613	11428	8	704	17273	39982	2287	27609	1340	2642	59	1985
1011	-	-	-	-	-	-	-	475	-	338	-	6	-	-
3568	-	-	-	-	-	-	1	10	44	104	2	4	1	16
3569	-	-	31	22	-	-	211	168	61	60	-	-	6	2
3571	-	-	-	-	-	-	-	-	1	225	-	-	-	-
3573	-	-	-	-	-	-	1	61	-	-	-	-	-	-
3575	-	-	-	-	-	-	2	26	2	8	-	-	-	-
3578	-	-	5	100	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	205	3	25	13	196	-	-	-	-
3588	-	-	-	-	-	-	3	232	5	183	-	-	-	-
3589	-	-	-	-	-	-	2	69	-	-	-	-	-	-
3590	-	-	-	-	-	-	7	746	24	294	-	-	-	-
3594	-	-	1	117	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	2	38	1	5	-	-	-	-
3598	-	-	1	360	-	-	10	282	6	34	1	45	-	-
FRM MO.	-	-	38	599	1	205	242	2133	157	1446	3	54	7	19
FRM YTD	2	57	171	7613	1	207	2441	34127	1588	12944	110	1228	83	1651
TOT MO.	-	-	116	865	1	205	825	5706	440	3980	356	490	13	914
TOT YTD	5	642	1784	19041	9	910	19714	74109	3875	40553	1450	3870	142	3635

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1984

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	1	66	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	9	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	1	16
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	1	3	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	1	10	-	-	-	-
3519	-	-	-	-	-	-	-	-	1	65	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	1	111
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	1	53
3538	-	-	-	-	-	-	-	-	5	214	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	13	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	1	25	-	-	3	5	-	-	-	-	1	26	-	-
5000	-	-	1	1	1	1	-	-	12	22	-	-	2	2
CUT MO.	3	104	1	1	5	14	-	-	20	314	1	26	5	181
CUT YTD	164	17013	25	1600	191	1664	45	319	485	1465	161	572	199	2361
1011	-	-	-	-	-	-	-	6	-	-	-	5	-	117
3568	1	23	-	-	1	18	-	-	-	-	-	-	1	4
3569	-	-	1	1	-	-	-	-	10	7	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	6	23	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	22	390
3588	1	96	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	1	19
FRM MO.	2	119	1	1	1	18	-	6	16	29	-	5	24	529
FRM YTD	10	1024	2	201	8	795	6	54	183	3456	2	69	66	2901
TOT MO.	5	223	2	2	6	31	-	6	36	344	1	31	29	710
TOT YTD	174	18036	27	1801	199	2459	51	373	668	4921	163	641	265	5262

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1984

	S. ARABIA		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	1	68	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	1	117	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	2	12	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	1	1290	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	6	200	-	-	-	-	-	-	-	-
3526	1	34	-	-	2	701	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	1	354	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	2	10	-	-
3533	-	-	-	-	1	81	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	1	89	-	-	-	-	-	-	-	-
3544	1	21	-	-	3	449	1	128	-	-	-	-	-	-
3546	-	-	-	-	2	138	2	19	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	4	164	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	2	30	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	1	24	-	-	-	-	-	-	2	4
5000	54	70	11	14	1062	91	13	15	-	-	70	8	39	5
CUT MO.	64	330	12	368	1080	3130	17	279	-	-	72	17	41	10
CUT YTD	685	2485	169	2585	3118	20755	451	4740	883	111	299	1712	786	3783
1011	-	-	-	-	-	26	-	-	-	-	-	-	-	7
3568	-	-	-	-	1	26	-	-	-	-	-	-	-	-
3569	-	-	2	3	-	-	3	6	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	10	54	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	25	2	69	-	-	-	-	-	-	1	32	-	-
3588	1	111	2	353	2	237	-	-	-	-	3	160	4	119
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	1	29	2	178	-	-	-	-	-	-	-	-
3594	-	-	-	-	1	530	-	-	-	-	-	-	-	-
3595	-	-	-	-	2	68	-	-	-	-	-	-	-	-
3598	-	-	-	-	7	382	1	32	-	-	2	10	-	-
FRM MO.	12	190	7	453	15	1447	4	39	-	-	6	202	4	125
FRM YTD	245	9442	206	9357	163	14295	42	1403	89	1075	129	2708	99	865
TOT MO.	76	520	19	821	1095	4577	21	317	-	-	78	220	45	135
TOT YTD	930	11927	375	7942	3281	35050	493	6143	932	1187	428	4420	885	4648

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1984

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	36	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	1	499	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	1	7	-	-	-	-	-	-	-	-	-	-
3533	-	-	5	210	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	7	129	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	2	48	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	1	14	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	97	884	-	-	-	-	-	-	-	-	-	-	-	-
5000	-	-	7	4	13	17	-	-	-	-	1	2	-	-
CUT MO.	97	884	21	849	17	115	-	-	-	-	1	2	-	-
CUT YTD	240	4784	1558	11088	720	1930	71	166	286	1408	89	3052	35	952
1011	-	-	-	6	-	10	-	-	-	1	-	-	-	-
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	137	18	-	-	1	1	-	-	-	-	-	-
3571	-	-	-	-	1	96	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	2	53	-	-	-	-	-	-	1	16	-	-
3578	-	-	-	-	1	66	-	-	-	-	-	-	-	-
3582	1	25	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	3	286	2	71	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	1	34	-	-	-	-	-	-	-	-	-	-
3590	-	-	1	14	1	44	-	-	1	650	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	2	289	-	-	-	-	-	-	-	-
FRM MO.	1	25	144	411	7	575	1	1	1	651	1	16	-	-
FRM YTD	25	1692	318	6450	164	5135	22	148	45	2275	49	2592	5	1072
TOT MO.	98	908	165	1260	24	690	1	1	1	651	2	18	-	-
TOT YTD	265	6476	1876	17538	884	7065	93	313	331	3684	138	5644	40	2024

NOVEMBER 1984 - U.S. EXPORTS OF MACHINE TOOLS

Total and Countries of Destination

The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
PORTUGAL	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER N.&C.AM						
BAHAMAS	-	-	1	1	1	1
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	1	1	-	-	1	1
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	295	39	-	-	295	39
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	7	7	-	-	7	7
HAITI	4	7	2	49	6	55
HONDURAS	5	343	-	-	5	343
JAMAICA	1	1	-	-	1	1
LW & WW IS.	-	-	-	3	-	3
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	2	4	-	-	2	4
SALVADOR	5	11	-	-	5	11
TRINIDAD	33	26	-	2	33	28
TOTAL	353	436	3	54	356	490
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	1	26	-	5	1	31
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
TOTAL	1	26	-	5	1	31
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	7	4	1	38	8	42
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	6	708	136	18	142	726
GAZA STRIP	-	-	-	-	-	-
HONG KONG	8	136	3	130	11	267
INDONESIA	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
JORDAN	-	-	-	-	-	-
KUWAIT	-	-	1	191	1	191
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	1	5	1	5
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	1	14	1	14
QATAR	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	1	15	1	15
YEMEN	-	-	-	-	-	-
TOTAL	21	849	144	411	165	1260

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	1	2	1	16	2	18
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
MALAGASY REP.	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	1	2	1	16	2	18

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statistical

REPORT
March 27, 1985

U.S. FOREIGN TRADE IN MACHINE TOOLS
1984

U.S. foreign trade in machine tools during the fourth quarter of 1984 resulted in a trade deficit of $195.5 million, bringing the total 1984 deficit to $947.3 million. Compared to 1983, U.S. exports rose slightly to a 1984 annual total of $409.3 million. U.S. imports of machine tools increased 43% above last year's level to stand at $1,356.6 million for the year.

U.S. Machine Tool Trade
($Millions)

4th Qtr. 1984	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 71.3	$235.4	($164.1)
Metal Forming	$ 39.2	$ 70.6	($31.4)
Total	$110.5	$306.0	($195.5)
Annual 1984			
Metal Cutting	$250.2	$1,056.7	($806.5)
Metal Forming	$159.1	$ 299.9	($140.8)
Total	$409.3	$1,356.6	($947.3)

EXPORTS

U.S. exports of metal cutting and metal forming machine tools totaled $250,220,000 and $159,077,000, respectively. Compared to 1983, exports of metal cutting machines fell 3%, while metal forming exports rose 8%.

The dollar values of U.S. exports to all but two regions declined during 1984. Increased dollar value and market share occurred in South America and North and Central America. Regional comparisons for 1983 and 1984 are shown on the next page.

national machine tool builders association
7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

	U.S. Exports-1984 $ Mil.	% of Total	U.S. Exports-1983 $ Mil.	% of Total	%Change 84:83 Dollar Value
N & C America	$132.5	32.4%	$108.1	26.6%	+22.6%
Asia	116.1	28.3	131.6	32.4	-11.8
Europe	110.0	26.9	128.6	31.7	-14.5
South America	33.6	8.2	18.4	4.5	+82.6
Africa	9.4	2.3	10.1	2.5	-6.9
Oceania	7.7	1.9	9.1	2.3	-15.4
	$409.3	100.0%	$405.9	100.0%	+0.8%

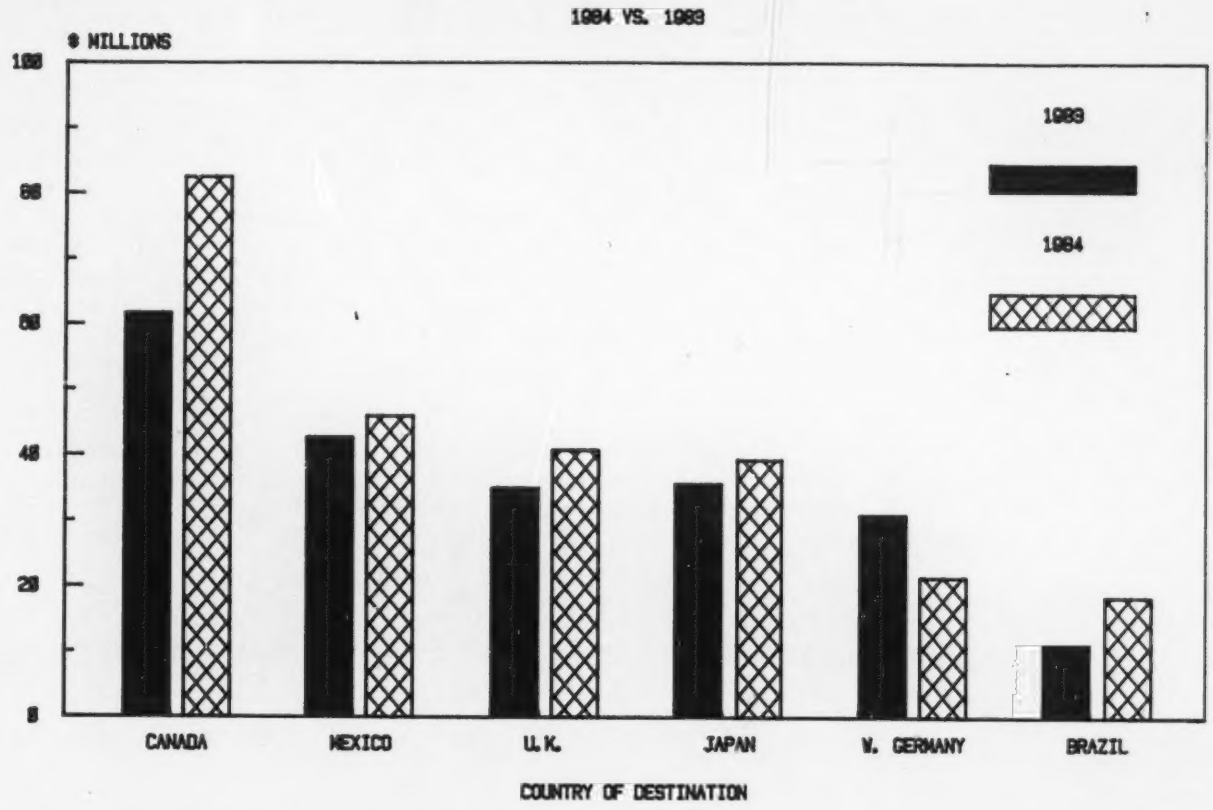
Exports to six countries represented 61% of total U.S. machine tool exports. Ranked by dollar value, the leading markets were:

	U.S. Exports-1984 $ Mil.	% of Total	U.S. Exports-1983 $ Mil.	% of Total	%Change 84:83 Dollar Value
Canada	$ 82.6	20.2%	$61.7	15.2%	+33.9%
Mexico	45.7	11.2	42.5	10.5	+7.5
United Kingdom	40.8	10.0	35.0	8.6	+16.6
Japan	39.4	9.6	35.7	8.8	+10.4
West Germany	21.4	5.2	30.9	7.6	-30.7
Brazil	18.5	4.5	10.9	2.7	+69.7
	$248.4	60.7%	$216.7	53.4%	+14.6%

Canada remained the leading export market for U.S. machine tools in 1984, accounting for 20% of the U.S. total. Metal cutting exports totaled $45.4 million for the year, rising 34% from last year's level of $33.8 million. Exports of metal forming machines stood at $37.2 million, a gain of 33% from the previous year.

Exports to Mexico represented 11% of total machine tool exports in 1984, totaling $45.7 million, up from $42.5 million in 1983. Metal cutting exports increased 28% from last year's level and stood at $31.4 million. Exports of metal forming machine tools, however, declined by 20%, falling from $17.9 million in 1983 to $14.4 million this year.

LEADING EXPORT MARKETS



U.S. exports to the United Kingdom totaled $40.8 million in 1984 and represented 10% of all machines exported. Metal cutting exports totaled $30.6 million, up 4% from 1983. Exports of metal forming machinery increased dramatically, rising to $10.2 million, almost double the 1983 total of $5.6 million.

Machine tool exports to Japan stood at $39.4 million this year, up 10% from $35.7 million last year. Exports of metal cutting machines fell 21% to $23.8 million while metal forming exports nearly tripled, rising from $5.6 million in 1983 to stand at $15.6 million for 1984.

West Germany registered the only decline in dollar value and export market share of the top six countries this year when compared to 1983. Total exports stood at $21.4 million, down from $30.9 million. Metal cutting exports declined 26% to $12.7 million and metal forming exports dropped 37% to $8.8 million.

Brazil purchased 5% of total U.S. machine tool exports in 1984, up from last year's 3%. Of the total $18.5 million exported to Brazil, metal cutting machines accounted for $17.4 million. This is more than twice the metal cutting total of $8.0 million registered in 1983. Metal forming exports stood at $1.1 million, falling from $3.0 million last year.

IMPORTS

The reported value of U.S. machine tool imports exceeded $1.3 billion during 1984. Metal cutting imports of $1,056.7 million were 47% above the 1983 level and metal forming imports increased 31% to $299.9 million in 1984. It should be noted that machine tool imports, as reflected in the government statistics, are actually undervalued. They reflect values in the country of origin and do not include ocean freight, insurance, dealer's commissions, or import duties. The purchaser in this country is paying significantly more for imported machine tools than is reported in the government import statistics.

In 1984, four countries supplied 79% of U.S. machine tool imports. The dollar value of imports from these countries increased significantly from 1983 as their combined shipment total to the U.S. rose 57% above last year's level.

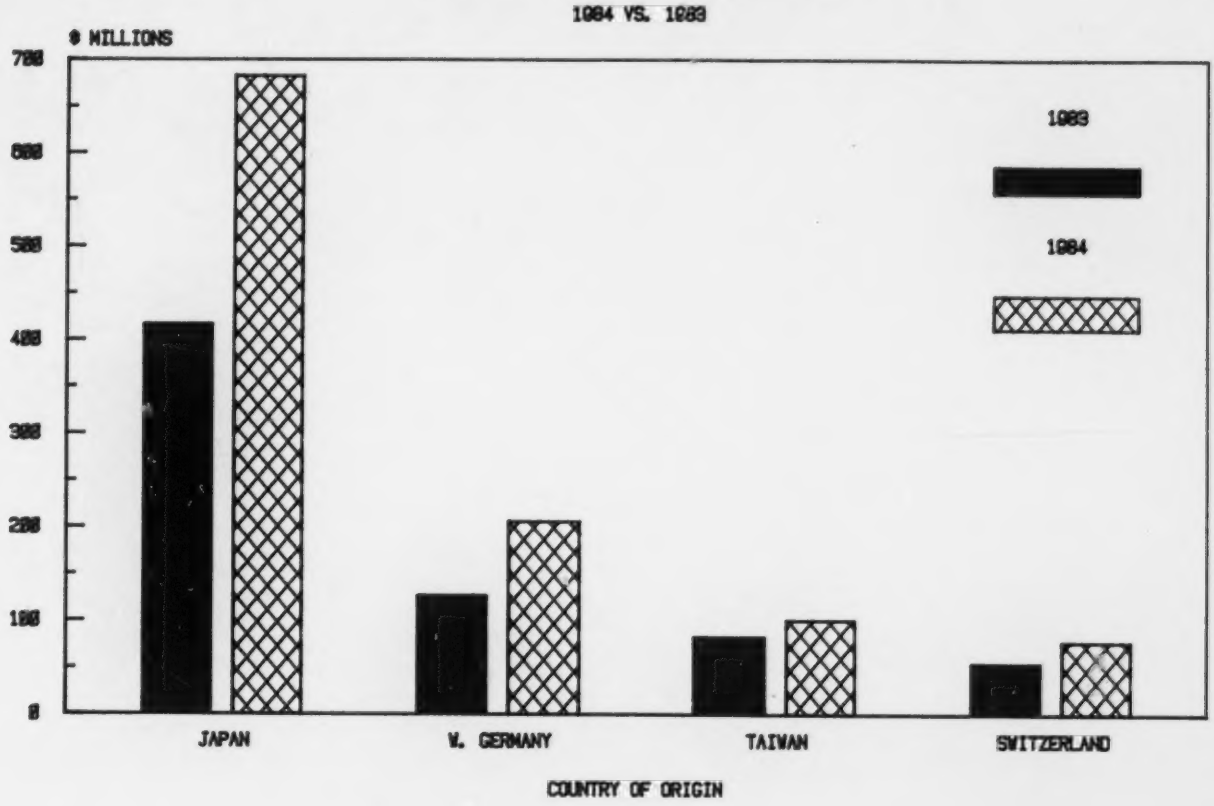
	U.S. Imports-1984		U.S. Imports-1983		%Change 84:83
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$683.3	50.4%	$414.9	43.8%	+64.7%
West Germany	205.7	15.2	125.7	13.3	+63.6
Taiwan	99.2	7.3	83.4	8.8	+18.9
Switzerland	78.4	5.8	54.7	5.8	+43.3
	$1,066.6	78.6%	$678.7	71.7%	+57.2%

Japan supplied 50% of total U.S. machine tool imports during 1984, up from 44% last year. Metal cutting imports of $550.6 million were up 62% from the 1983 level. Imports of metal forming machinery from Japan rose 77% above last year's totals to $132.7 million.

U.S. imports of both metal cutting and metal forming machine tools from West Germany increased in 1984. Metal cutting imports of $137.1 million were 50% above last year's level while imports of metal forming machine tools more than doubled, rising from $34.1 million in 1983 to $68.6 million in 1984. With these gains, West German imports represented 15% of total U.S. imports for the year.

LEADING IMPORT SOURCES

1984 VS. 1983



Taiwan's share of total U.S. imports fell 2 percentage points from the previous year's level, to 7%, although the dollar value of imports increased from $83.4 million to $99.2 million. Metal cutting machine tool imports made up the majority of the total at $97.3 million, a gain of 18% over 1983. Metal forming imports stood at $1.9 million, up from $1.0 million last year.

Switzerland represented the fourth largest source of U.S. imports in 1984. Swiss metal cutting imports stood at $66.1 million, up from $40.5 million in 1983. Imports of metal forming purchases declined, however, by 13%, totaling $12.3 million. Overall, imports from Switzerland represented 6% of all machine tools imported to the U.S. in 1984.

* * *

RELEASED: March 27, 1985

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1984

674:	METAL CUTTING	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
3025	Gear Hobbers	106	8304	8	729	-	-	-	-
3035	Gear Shapers	15	2061	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	9	855	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	1833	132506	103	7845	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	108	11473	13	1148	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	652	74036	46	6187	-	-	-	-
3211	Machining Centers, NC, N.E.C.	318	29987	14	1171	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	50	12747	4	1744	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	18	3883	1	139	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	39	5131	1	94	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	74	7612	2	108	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	59	6258	1	57	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	268	7612	15	201	-	-	-	-
3228	Drilling Machines,NC	94	5389	6	295	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	66	1271	41	116	-	-	-	-
3234	Drilling Machines, Radial, non-NC	343	2316	53	391	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	75	463	-	-	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	338	8422	42	1786	-	-	-	-
3264	Milling Machines, NC	300	34709	37	6370	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	46	634	2	9	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2825	18231	138	966	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	501	6118	7	309	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2799	23757	136	1194	5	25	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	22	4706	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	180	5419	2	185	-	-	-	-
3281	Boring Machines, NC, N.E.C.	14	2242	4	659	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	170	6817	7	190	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	2059	106299	162	8067	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	649	55940	42	3577	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	50	6235	4	705	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	3253	24716	280	1909	-	-	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	92	2878	2	70	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	123	3376	1	28	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	148	2548	3	74	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	114	6613	2	157	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	334	6869	16	343	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	423	27017	39	3732	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1774	25603	119	2032	1	23	-	-
3527	Gear Tooth Grinding & Finishing Machines	198	6894	12	569	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	48	3550	6	488	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	1168	16556	87	2097	-	-	1	3
3533	Honing & Lapping Machines	160	4814	10	326	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	77	6527	1	382	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	764	7454	49	357	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	1149	18873	99	1344	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	78	9901	4	330	-	-	-	-
3554	External Grinding Machines, non-NC	283	11270	30	867	-	-	-	-
3556	Internal Grinding Machines, non-NC	107	3791	1	25	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	187	5218	20	220	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	1228	30564	130	2268	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	746	38425	83	4546	-	-	-	-
3564	All Other Electrical Discharge Machines	505	20932	17	773	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	37	3644	2	190	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	144	5148	10	331	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	17	1825	1	286	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	1480	20531	169	2211	1	242	2	37
3578	Broaching Machines, non-NC	11	1769	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	979	24424	67	1463	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	9144	31625	642	2159	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	1318268	91768	71947	4335	221	19	-	-
	TOTAL CUTTING			74740	78163	228	309	3	39
	TOTAL CUTTING YTD	1357119	1056704			3349	2628	59	507
674:	METAL FORMING								
1010	Die Casting Machines	357	11108	145	1721	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	584	5974	33	361	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	54211	8111	6832	732	10	3	1	2
3584	Punching & Shearing Machines, incl. Combination, NC	462	51077	13	2215	-	-	-	-
3586	Shearing Machines, non-NC	706	12521	64	854	-	-	7	50
3587	Punching & Combination Punching & Shearing Machines, non-NC	652	11104	34	1768	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	170	8228	10	1456	1	69	-	-
3589	Press Brakes, non-NC	978	24533	89	1780	-	-	8	116
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	146	2529	5	57	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	994	20955	64	2829	-	-	2	86
3593	Metal Forming Machine Tools, NC, N.E.C.	167	10052	6	173	-	-	-	-
3594	Mechanical Presses, non-NC	366	22768	40	974	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	79	2116	7	67	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	430	45691	17	4030	-	-	1	12
3597	Headers & Upsetters, non-NC	183	15896	33	4500	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	105	5457	6	260	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	1560	41692	110	3898	-	-	5	239
	TOTAL FORMING			7508	27668	14	71	24	504
	TOTAL FORMING YTD	62150	299859			128	1534	614	6193
	TOTAL ALL TYPES			82248	105831	242	380	27	543
	TOTAL ALL TYPES YTD	1419269	1356563			3477	4162	673	6701

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1984

674	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	2	31	-	-	1	167	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	1	17	-	-	-	-	-	-	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	2	7	-	-	2	107	-	-	-	-
3264	-	-	-	-	-	-	-	-	4	427	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	1	53	-	-	1	12	-	-	-	-
3507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3509	-	-	-	-	-	-	-	-	1	52	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	1	9	-	-	-	-	-	-	-	-	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	10	45	-	-	-	-	-	-	13	48	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	1	5	-	-	2	20	2	21	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	2	53	1	4	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	-	-	2	63	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	10	42	-	-	4	22	7	68	-	-	1	16
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	1	4	9	70	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	1	10	8	55	-	-	-	-
4000	-	-	2	7	1	3	3	12	23	27	-	-	-	-
5000	-	-	12	9	2	4	189	43	89	105	155	152	-	-
CUT MO.	11	54	26	79	10	150	201	115	162	1221	155	152	1	16
CUT YTD	128	1670	1151	2814	70	1514	2247	8535	10942	38521	1456	5927	209	568
1010	-	-	-	-	-	-	-	-	47	496	-	-	-	-
3582	-	-	3	28	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	2	1	704	45	30	a/	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	-	-	-	-	9	106	1	9	-	-	-	-
3587	-	-	-	-	-	-	-	-	-	-	2	32	-	-
3588	-	-	-	-	-	-	-	-	2	127	-	-	-	-
3589	-	-	1	37	-	-	6	66	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	1	15	-	-	-	-
3592	-	-	-	-	-	-	1	33	3	20	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	1	3	-	-	-	-	1	12	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	2	16	5	47	-	-	-	-
3597	-	-	-	-	-	-	-	-	2	104	-	-	-	-
3598	-	-	-	-	-	-	1	10	-	-	-	-	-	-
3599	-	-	2	28	-	-	6	222	13	982	-	-	-	-
FRM MO.	-	-	7	96	-	-	27	452	779	1856	32	32	-	-
FRM YTD	-	-	165	2364	1	1	1094	5381	4094	12808	242	3032	8	294
TOT MO.	11	54	33	175	10	150	228	567	941	3077	187	184	1	16
TOT YTD	128	1670	1316	5179	71	1515	3341	13916	15036	51328	1698	8959	217	863

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1984

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	3	450
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	1	54
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	2	380	-	-	-	-	2	62
3211	-	-	-	-	-	-	-	-	1	127	-	-	6	529
3212	-	-	-	-	-	-	-	-	1	207	-	-	2	676
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	1	62	1	47
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	1	30	2	17	5	113
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	1	3
3234	-	-	13	71	-	-	-	-	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	1	64	-	-	-	-	1	8	11	831
3264	-	-	-	-	6	90	-	-	1	413	-	-	1	279
3266	-	-	-	-	-	-	-	-	-	-	-	-	2	9
3267	-	-	-	-	37	366	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	7	309	-	-	-	-	-	-
3269	-	-	-	-	12	192	-	-	3	116	32	484	5	47
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	40	-	-	-	-	-	-	-	-	1	145	-	-
3281	-	-	-	-	-	-	-	-	1	158	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	1	10	-	-
3507	-	-	-	-	-	-	-	-	1	115	-	-	-	-
3509	-	-	-	-	-	-	-	-	-	-	5	493	5	324
3511	-	-	-	-	-	-	1	164	-	-	-	-	1	305
3512	13	54	-	-	1	21	-	-	1	7	117	857	-	-
3513	-	-	-	-	-	-	-	-	1	27	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	3	74	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	1	5	-	-	6	76	1	10	-	-
3521	-	-	-	-	1	51	2	135	12	2200	-	-	1	134
3522	-	-	-	-	-	-	1	12	4	22	10	368	6	769
3527	-	-	-	-	-	-	-	-	-	-	-	-	4	526
3528	-	-	-	-	-	-	-	-	-	-	-	-	6	488
3529	-	-	-	-	1	35	-	-	10	563	28	663	33	749
3533	-	-	-	-	-	-	-	-	1	7	3	42	3	80
3539	-	-	-	-	-	-	-	-	-	-	-	-	1	382
3541	-	-	-	-	-	-	-	-	-	-	-	-	6	116
3543	-	-	-	-	1	21	-	-	2	78	1	7	5	103
3546	-	-	-	-	-	-	-	-	-	-	-	-	4	330
3554	-	-	-	-	-	-	-	-	12	393	9	199	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	1	125	-	-	19	95
3559	1	39	-	-	1	19	2	285	29	324	23	156	22	605
3562	-	-	-	-	-	-	-	-	29	1651	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	1	184	3	174
3567	-	-	-	-	-	-	-	-	-	-	1	112	-	-
3571	-	-	-	-	2	81	-	-	1	9	1	6	3	48
3576	-	-	-	-	-	-	-	-	-	-	-	-	1	286
3577	-	-	-	-	1	3	-	-	1	47	20	123	85	578
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	13	76	6	43	5	210	2	34	20	433
4000	-	-	-	-	-	-	7	228	11	90	184	838	27	220
5000	-	-	10	16	187	38	202	106	403	9	749	218	776	294
CUT MO.	15	133	23	88	265	1060	230	1662	541	7078	1193	5035	1071	10135
CUT YTD	121	960	246	677	2769	13615	6852	11920	49193	66142	10973	60783	15651	137103
1010	-	-	-	-	-	-	-	-	-	-	3	3	89	625
3582	-	-	-	-	-	-	4	19	6	112	16	182	2	2
3583	2	1	-	-	-	-	23	10	19	29	79	146	491	124
3584	-	-	-	-	-	-	-	-	2	283	-	-	2	375
3586	-	-	1	14	-	-	1	31	-	-	2	8	20	227
3587	-	-	-	-	-	-	1	11	2	173	-	-	18	293
3588	-	-	-	-	-	-	-	-	-	-	-	-	5	1179
3589	-	-	5	58	-	-	1	56	-	-	16	130	-	-
3591	-	-	-	-	-	-	4	42	-	-	-	-	-	-
3592	-	-	-	-	3	93	4	51	3	347	3	252	15	1711
3593	-	-	-	-	-	-	-	-	-	-	-	-	3	94
3594	-	-	-	-	2	356	-	-	-	-	-	-	22	249
3595	-	-	-	-	-	-	-	-	3	10	2	16	1	18
3596	-	-	-	-	-	-	-	-	-	-	-	-	3	762
3597	-	-	-	-	-	-	-	-	-	-	-	-	13	3153
3598	-	-	-	-	-	-	-	-	1	12	-	-	1	21
3599	-	-	-	-	6	186	-	-	10	236	16	421	24	877
FRM MO.	2	1	6	72	11	634	38	221	46	1202	137	1157	709	9709
FRM YTD	5	16	63	1272	768	2583	2671	7289	1684	12296	1902	13888	9076	68554
TOT MO.	17	134	29	160	276	1694	268	1883	587	8280	1330	6192	1780	19844
TOT YTD	126	976	309	1949	3537	16198	9523	19209	50877	78438	12875	74671	24727	205656

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1984

674	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	1	42	-	-	-	-	-	-	-	-	1	39
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	93	7214	1	62	-	-	8	516
3206	-	-	-	-	-	-	13	1148	-	-	-	-	-	-
3209	-	-	-	-	-	-	42	5745	-	-	-	-	-	-
3211	-	-	-	-	-	-	7	515	-	-	-	-	-	-
3212	-	-	1	861	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	1	139	-	-	-	-	-	-
3218	-	-	-	-	-	-	1	94	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	1	57	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	6	24	-	-	-	-
3228	-	-	-	-	-	-	6	295	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	40	114
3234	-	-	2	22	-	-	14	151	11	74	-	-	13	73
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	18	740	2	13	-	-	5	16
3264	-	-	-	-	-	-	24	5126	1	36	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	11	234	-	-	4	57	86	310	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	12	-	-	3	62	74	215	-	-	1	41
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	3	502	-	-	-	-	-	-
3283	-	-	1	20	-	-	-	-	-	-	-	-	3	95
3507	-	-	-	-	-	-	151	7623	3	102	-	-	7	226
3509	-	-	-	-	-	-	31	2707	-	-	-	-	-	-
3511	-	-	-	-	-	-	2	236	-	-	-	-	-	-
3512	-	-	1	28	-	-	3	87	47	212	-	-	96	633
3513	-	-	-	-	-	-	-	-	1	43	-	-	-	-
3514	-	-	-	-	-	-	1	28	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	2	157	-	-	-	-	-	-
3518	-	-	-	-	-	-	4	234	4	18	-	-	-	-
3521	-	-	-	-	-	-	22	1137	-	-	-	-	1	75
3522	2	56	1	9	-	-	2	74	32	108	-	-	37	499
3527	-	-	2	9	-	-	1	20	-	-	-	-	5	15
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	9	40	-	-	-	-
3533	-	-	-	-	-	-	3	197	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	43	241	-	-	-	-	-	-
3543	-	-	4	15	-	-	58	854	17	80	-	-	8	130
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	1	20	-	-	2	164	4	27	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	1	25
3558	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	2	34	-	-	17	466	1	3	-	-	10	191
3562	-	-	-	-	-	-	54	2895	-	-	-	-	-	-
3564	-	-	-	-	-	-	13	415	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	78	-	-	-	-	-	-
3571	-	-	-	-	-	-	3	187	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	11	115	-	-	22	664	7	36	-	-	9	232
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	4	151	-	-	8	452	-	-	-	-	-	-
4000	-	-	20	24	-	-	3	22	329	487	2	5	30	197
5000	-	-	273	96	-	-	24403	666	31519	2310	12	11	12745	239
CUT MO.	3	113	336	1691	-	-	25078	41391	32154	4200	14	16	13020	3414
CUT YTD	1364	5179	5420	17243	169	233	161678	550572	1006175	97346	106	312	76791	31783
1010	-	-	6	598	-	-	-	-	-	-	-	-	-	-
3582	-	-	1	5	-	-	1	12	-	-	-	-	-	-
3583	-	-	45	21	6	a/	1042	248	1413	66	-	-	2962	36
3584	-	-	-	-	-	-	8	1384	-	-	-	-	1	173
3586	-	-	2	45	-	-	18	324	-	-	-	-	3	31
3587	-	-	4	65	-	-	6	1159	-	-	-	-	1	35
3588	-	-	-	-	-	-	2	81	-	-	-	-	-	-
3589	-	-	10	199	-	-	37	1072	-	-	-	-	5	47
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	26	171	-	-	3	63	-	-	-	-	1	3
3593	-	-	-	-	-	-	3	79	-	-	-	-	-	-
3594	-	-	10	269	-	-	3	77	1	9	-	-	-	-
3595	-	-	1	24	-	-	-	-	-	-	-	-	-	-
3596	-	-	2	22	-	-	4	3171	-	-	-	-	-	-
3597	-	-	-	-	-	-	18	1243	-	-	-	-	-	-
3598	-	-	-	-	-	-	3	217	-	-	-	-	-	-
3599	-	-	12	509	-	-	11	155	-	-	-	-	5	44
FRM MO.	-	-	119	1927	6	a/	1159	9285	1414	75	-	-	2978	369
FRM YTD	6	104	1728	23547	175	11	15259	132695	12028	1852	291	136	10148	3961
TOT MO.	3	113	455	3618	6	a/	26237	50676	33568	4275	14	16	15998	3783
TOT YTD	1370	5283	7148	40790	344	244	176937	683267	1018203	99198	397	448	86939	35744